

5 18.4 92.0 20 1 PCT-US00-09054-87 Sequence 87, App1
6 18.4 92.0 20 2 PCT-US00-09054-87 Sequence 87, App1
7 18.4 92.0 20 3 PCT-US00-09054-87 Sequence 87, App1
8 18.4 92.0 20 4 PCT-US00-09054-87 Sequence 87, App1
9 18.9 90.0 20 1 PCT-US00-09054-23 Sequence 23, App1
10 18.9 90.0 20 2 PCT-US00-09054-23 Sequence 23, App1
11 18.9 90.0 20 3 PCT-US00-09054-23 Sequence 23, App1
12 18.9 90.0 20 4 PCT-US00-09054-23 Sequence 23, App1
13 16.8 84.0 25 1 US-09-958-236-23 Sequence 87, App1
14 16.8 84.0 25 2 US-09-958-236-23 Sequence 87, App1
15 15.8 79.0 21 3 US-09-958-236-23 Sequence 87, App1
16 15.8 79.0 21 4 US-10-043-777-383 Sequence 383, App1
17 15.8 79.0 23 4 US-10-029-386-18005 Sequence 18005, App1
18 15.8 79.0 25 39 US-09-922-181A-1866 Sequence 1866, App1
19 15.8 79.0 25 39 US-09-922-181A-1867 Sequence 1867, App1
20 15.8 79.0 25 39 US-09-922-181A-1868 Sequence 1868, App1
21 15.8 79.0 25 39 US-09-922-181A-1869 Sequence 1869, App1
22 15.8 79.0 25 39 US-09-922-181A-1865 Sequence 1865, App1
23 15.8 79.0 25 39 US-09-922-181A-1866 Sequence 1866, App1
24 15.8 79.0 25 39 US-09-922-181A-1867 Sequence 1867, App1
25 15.8 79.0 25 39 US-09-922-181A-1868 Sequence 1868, App1
26 15.8 79.0 25 39 US-09-922-181A-1869 Sequence 1869, App1
27 15.8 79.0 25 39 US-09-922-181A-1871 Sequence 1870, App1
28 15.8 79.0 25 39 US-09-922-181A-1871 Sequence 1871, App1
29 15.4 77.0 19 49 US-10-266-090-50015 Sequence 50015, App1
30 15.2 76.0 24 5 US-08-024-569-30 Sequence 30, App1
31 15.2 76.0 24 7 US-08-273-402A-30 Sequence 30, App1
32 15.2 76.0 24 34 US-09-804-77A-30 Sequence 394618, App1
33 15.2 76.0 25 51 US-10-355-577-394618 Sequence 394618, App1
34 15.2 76.0 25 90 US-60-353-987-394618 Sequence 394618, App1
35 15.2 76.0 25 97 US-60-427-808-534104 Sequence 534104, App1
36 15.2 76.0 25 97 US-60-427-808-534104 Sequence 566230, App1
37 15.2 76.0 25 97 US-60-427-808-566231 Sequence 566231, App1
38 15.2 76.0 25 97 US-60-427-836-10494 Sequence 10494, App1
39 15.2 76.0 25 97 US-60-427-836-300646 Sequence 300646, App1
40 15.2 75.0 25 97 US-60-427-836-124827 Sequence 124827, App1
41 14.8 74.0 21 50 US-10-310-188-52388 Sequence 63388, App1
42 14.8 74.0 25 97 US-09-922-181A-1872 Sequence 61212, App1
43 14.8 74.0 25 97 US-09-922-181A-1872 Sequence 61212, App1
44 14.8 74.0 25 39 US-09-922-181A-1872 Sequence 1864, App1
45 14.8 74.0 25 39 US-09-922-181A-1872 Sequence 1872, App1

ALIGNMENTS

RESULT 1
PCT-US00-09054-115
; Sequence 115, Application PCT-US00-09054

GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 Expression
; FILE REFERENCE: ISPH-0449
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; LENGTH: 20
; SEQ ID NO: 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense oligonucleotide
PCT-US00-09054-115

Query Match 100.0%; Score 20; DB 1; length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
US-09-958-236-115
; Sequence 115, Application US/09958236

Query Match 100.0%; Score 20; DB 32; Length: 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 20; DB 32; Length: 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; OTHER INFORMATION: Antisense oligonucleotide
US-09-958-236-87

Query Match 92.0%; Score 18.4; DB 41; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.8e+03; Mismatches 0;
Matches 19; Conservative 0; Indels 1; Gaps 0;

QY 1 GCTCCAGCATCTGCTC 20
DB 1 GCTCCAAACATCTGCTC 20

RESULT 9
PCT-US00-09054-23
Sequence 23, Application PC/TUS0009054
GENERAL INFORMATION:
APPLICANT: Karras, James G.
APPLICANT: ISIS PHARMACEUTICALS, INC.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 Expression
FILE REFERENCE: ISPH-0449
CURRENT APPLICATION NUMBER: PCT-US00/09054
CURRENT FILING DATE: 2000-04-06
EARLIER APPLICATION NUMBER: US 09/288,461
EARLIER FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
SOFTWARE: FastSEQ for Windows version 4.0
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide

Query Match 90.0%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03; Mismatches 0;
Matches 18; Conservative 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTC 18
DB 3 GCTCCAGCATCTGCTC 20

RESULT 10
PCT-US00-09054-23
Sequence 23, Application PC/TUS0009054
GENERAL INFORMATION:
APPLICANT: ISIS PHARMACEUTICALS, INC.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 Expression
FILE REFERENCE: ISPH-0449
CURRENT APPLICATION NUMBER: PCT-US00/09054
CURRENT FILING DATE: 2000-04-06
EARLIER APPLICATION NUMBER: US 09/288,461
EARLIER FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide

Query Match 90.0%; Score 18; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03; Mismatches 0;
Matches 18; Conservative 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTC 18
DB 3 GCTCCAGCATCTGCTC 20

RESULT 11
US-09-758-881-23
Sequence 23, Application US/09758881
GENERAL INFORMATION:
APPLICANT: Karras, James G.
APPLICANT: ISIS PHARMACEUTICALS, INC.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 Expression
FILE REFERENCE: ISPH-0532
CURRENT APPLICATION NUMBER: US 09/758,881
PRIORITY APPLICATION NUMBER: PCT/US00/09054
PRIORITY FILING DATE: 2000-04-06
PRIORITY APPLICATION NUMBER: 09/288,461
PRIORITY FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
CURRENT FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: PCT/US00/09054
PRIORITY FILING DATE: 2000-04-06
PRIORITY APPLICATION NUMBER: 09/288,461
PRIORITY FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-23

Query Match 90.0%; Score 18; DB 32; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03; Mismatches 0;
Matches 18; Conservative 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTC 18
DB 3 GCTCCAGCATCTGCTC 20

RESULT 12
US-09-958-236-23
Sequence 23, Application US/09958236
GENERAL INFORMATION:
APPLICANT: Karras, James G.
APPLICANT: ISIS PHARMACEUTICALS, INC.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3 Expression
FILE REFERENCE: ISPH-0449
CURRENT APPLICATION NUMBER: US/09/958,236
CURRENT FILING DATE: 2001-10-05
PRIORITY APPLICATION NUMBER: US 09/288,461
PRIORITY FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide

Query Match 90.0%; Score 18; DB 41; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.1e+03; Mismatches 0;
Matches 18; Conservative 0; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTC 18
DB 3 GCTCCAGCATCTGCTC 20

RESULT 13
US-60-427-808-534105/C
Sequence 534105, Application US/60427808
GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou

RESULT 14
US-60-427-836-300647/c
; Sequence 300647, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator v 1.1
; SEQ ID NO 300647
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; US-60-427-808 534105

Query Match 84.0%; Score 16.8; DB 97; Length 25;
Best Local Similarity 90.0%; Pred. No. 1.3e+04; Mismatches 0;
Matches 18; Conservative 0; Indels 0; Gaps 0;

Qy 1 GCTCCAGCACATGTGCTTC 20
Db 2 GCTCCAGCANCATGGTGTGC 21

RESULT 14
US-60-427-836-300647/c
; Sequence 300647, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator v 1.1
; SEQ ID NO 300647
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; US-60-427-836-300647

Query Match 84.0%; Score 16.8; DB 97; Length 25;
Best Local Similarity 90.0%; Pred. No. 1.3e+04; Mismatches 0;
Matches 18; Conservative 0; Indels 0; Gaps 0;

Qy 1 GCTCCAGCACATGTGCTTC 20
Db 2 GCTCCAGCANCATGGTGTGC 21

RESULT 15
US-09-829-990-383
; Sequence 383, Application US/09829990
; GENERAL INFORMATION:
; APPLICANT: Housman, David E.
; APPLICANT: Ledley, Fred D.
; APPLICANT: Stanton, Vincent P.
; TITLE OF INVENTION: TARGET GENES FOR ALLELE SPECIFIC DRUGS
; FILE REFERENCE: 11926-059002
; CURRENT APPLICATION NUMBER: US/09/829,990
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 09/045,053
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 60/041,057
; PRIOR FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 1022
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 383
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: n = 9 or a
; US-09-829-990-383

Query Match 79.0%; Score 15.8; DB 34; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+04; Mismatches 3;
Matches 17; Conservative 0; Indels 0; Gaps 0;

Qy 1 GCTCCAGCACATGTGCTTC 20
Db 2 GCTCCAGCANCATGGTGTGC 21

Search completed. August 19, 2003, 22:09:59
Job time : 2868 secs

